

032904 13281 U.S. PTO

UTILITY PATENT APPLICATION TRANSMITTAL

17548 U.S. PTO
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| Address to: Box PATENT APPLICATION Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450 | Attorney Docket No. | WUCH3037/EM |
| | First Named Inventor (or identifier) | Chang-Rong WU |
| | Total Pages | 27 |

Transmitted herewith is a patent application under 37 CFR 1.53(b).

Entitled: Method And Composite Hard Mask For Forming Deep Trenches In Semiconductor Substrate

- ☒ 1. Submitted herewith are the following:
- 12 pages of specification, including claims and Abstract.
 - 5 sheets of FORMAL drawings (Figs. 1, 2, 3A, 3B, 4, 5, 6, 7, 8).
 - 4 claims.
 - 1 Oath/Declaration signed by each inventor.
 - 1 Application Data Sheet.
 - 1 Assignment of the invention to NANYA Technology Corporation, Taoyuan, Taiwan, R.O.C.,
 - Cover Sheet, and payment of the \$40 recordal fee.
 - 1 check in the amount of \$810 (\$770- Filing Fee; \$40- Assignment Recordation Fee).
- ☐ 2. SMALL ENTITY STATUS IS ASSERTED pursuant to 37 CFR 1.27 for this application.
- ☒ 3. The Commissioner is authorized to credit any overpayment and charge any deficiency in any fees required under 37 CFR 1.16 and/or 1.17, to Deposit Account No. 02-0200.
- ☐ 4. Insert before the first sentence of the specification: -- This application claims the benefit of provisional application number _____ filed _____.
- ☐ 5. Insert before the first sentence of the specification: -- This application is a Continuation-in-part of nonprovisional application number _____ filed _____.
- ☐ 6. Other: _____

The registered practitioners representing applicant(s) are J. Ernest Kenney, Reg. No. 19,179; Eugene Mar, Reg. No. 25,893; Richard E. Fichter, Reg. No. 26,382; Thomas J. Moore, Reg. No. 28,974; Joseph DeBenedictis, Reg. No. 28,502; and Benjamin E. Urcia, Reg. No. 33,805.

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|---|------------|--------|--|--|----------|
| THE FILING FEE IS CALCULATED AS FOLLOWS: | | | | Basic Fee: | \$770.00 |
| Total Claims: | 4 | - 20 = | 0 | X \$18 = | \$0.00 |
| Independent Claims: | 2 | - 3 = | 0 | X \$86 = | \$0.00 |
| Correspondence Address: BACON & THOMAS, PLLC 625 Slaters Lane, 4 th Floor Alexandria, VA 22314-1176 23364 CUSTOMER NUMBER | | | | Multiple Dependent Claim (add \$290.00): | \$0.00 |
| | | | | Subtotal: | \$770.00 |
| | | | | 50% Reduction if Small Entity Status: | \$0.00 |
| Phone: 703-683-0500 Fax: 703-683-1080 | | | | Total: | \$770.00 |
| Date: | Name: | | Signature: | | Reg. No. |
| March 29, 2004 | Eugene Mar | |  | | 25,893 |